
Public Works

Lewiston Redundant Waterline Project
Contract No. 1
Bid No. 2023-041
Bid Date: June 21, 2023
ADDENDUM NO. 1

Please refer to the following changes to the Contract Documents:

1. Proposal & Contract
 - Modified bid opening date to June 21, 2023
 - Added line item #40 for Bituminous Tack Coat – Applied
 - Updated descriptions for items #29,#30, and #31 to note they will be paid by Ton (not square yard)
2. Measurement & Payment (Section 01270). The following language shall be added after Part 1.39 of Section 01270:
 - *BITUMINOUS TACK COAT – APPLIED (ITEM 40)*
 - A. *Measurement*
 1. *Measurement for tack coat will be on a per gallon basis.*
 2. *The quantity of tack coat placed will be obtained from receipts accepted by the Engineer, and verified by measuring the area and converting to gallons at the specified application rates. The lesser of the two values will be used to calculate payment.*
 - B. *Payment*
 1. *Payment of the Bid price for tack coat will be full compensation for furnishing, placing, and all labor, equipment and materials required for or incidental to the Work.*

Project Plans: None

Attached are the meeting minutes & list of attendees for the mandatory Pre-Bid meeting held via Zoom on June 6, 2023. Also attached is the revised Notice to Contractors with the updated bid date and the revised Bid Form to be included in final bid.

Bid No. 2023-041
Bid Date: June 21, 2023

CITY OF LEWISTON, MAINE

NOTICE TO CONTRACTORS

Sealed proposals for the **CONTRACT No. 1 of the LEWISTON REDUNDANT WATERLINE PROJECT** will be received by the office of the Purchasing Agent, until 2:00 o'clock PM, on **June 21, 2023**.

The work for the **LEWISTON REDUNDANT WATERLINE PROJECT** shall consist of, but not be limited to, the complete and satisfactory construction of water main and fiber optic conduit from the Main Street Pumping Station located at 60 Main Street in Lewiston, to the southern end of North River Road in Auburn. The project consists of approximately 4,100 LF of 24-inch Ductile iron water main installed by open-cut, installation of 16-inch pre-insulated ductile iron water main across the Longley Bridge between Lewiston and Auburn, construction of (2) 4" fiber optic conduits and associated handholes, construction of a new flow meter in an existing vault and associated power and signal wiring, and pavement and lawn restoration.

All work, including final restoration, must be completed by July 31, 2024.

Interested bidders must register with the Purchasing Agent either through direct response to the City's RFP solicitation at mryerson@lewistonmaine.gov or by contacting the Purchasing Agent Allen Ward at 207-513-3040 or award@lewistonmaine.gov to be added to the bidders list. Bid documents will only be emailed upon registration.

Questions and Requests for Information shall be submitted to John Skelley (jskelley@lewistonmaine.gov) on or before noon, **June 15, 2023**. Questions and RFIs will be responded to via email to potential bidders on the Plan Holders List and those registered with the City Purchasing Department for this project.

All bidders are required to attend a virtual pre-bid conference to be held via Zoom on June 6, 2023 at 10:00 A.M. Attendance at this meeting by the Bidder or his/her qualified representative is a mandatory prerequisite for the acceptance of a bid from that Contractor. Meeting registration information shall be sent to all registered bidders.

Each bidder is required to state in his/her Proposal his/her name and place of residence and the names of all persons or parties interested as principals with him/her; and that the Proposal is made without any connection to any other bidder making any Proposal for the same work; and that no person acting for, or employed by, the City of Lewiston is directly or indirectly interested in the Proposal or in any contract which may be entered into to which the Proposal relates, or in any portion of the profits there from, except as provided by the City Charter.

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The Contractor shall give his/her personal attention constantly to the faithful prosecution of the work, shall keep the same under his/her personal control and shall not assign, by power of attorney or otherwise, nor sublet the work or any part thereof, without the previous written consent of the Purchasing Agent; and shall not, either legally or equitably, assign any of the money payable under this Agreement or his/her claim thereto, unless by and with the like consent of the Purchasing Agent. Proof of insurance coverage will also be required from the subcontractor and any liabilities on the part of the subcontractor will be the responsibility of the contractor under his contract with the City and the City will be held harmless. The contractor shall take all necessary affirmative action steps to assure that qualified minority businesses, women's businesses, and labor surplus area firms are included in the hiring of any subcontractor working on this City project.

The Proposal must be signed by the bidder with his/her full name and address and be enclosed in a sealed envelope together with the bid security. The sealed envelope shall be marked with the name and address of the bidder and entitled:

PROPOSAL FOR
CONTRACT NO.1
LEWISTON REDUNDANT WATERLINE PROJECT

and addressed to: "Purchasing Agent, City Hall, Lewiston, Maine". If the Proposal is forwarded by mail, the sealed envelope containing the Proposal and marked as above must be enclosed in a second envelope which shall be addressed to: "Purchasing Agent, 27 Pine Street, City Hall, Lewiston, Maine 04243-0479." All mailed Proposals should be sent by registered mail to insure delivery.

The awarded contractor will be required to register at SAM.gov for a unique entity identifier that replaces their DUNS number for verification purposes of their ability to receive Federal grant funding.

Any bidder may withdraw his/her Proposal prior to the scheduled time for the opening of Proposals upon presentation to the Purchasing Agent of a request, in writing, to do so. Any bidder who withdraws his/her Proposal within thirty (30) days after the actual opening thereof shall be considered to have abandoned his/her Proposal and the bid security accompanying the Proposal will be forfeited to the City of Lewiston. Any Proposal received after the scheduled opening time will not be considered.

The City reserves the right to negotiate with the low bidder to bring projects down to within budget.

The Finance Committee reserves the right to waive any formality and may consider as informal any Proposal not prepared and submitted in accordance with these provisions. The Finance Committee reserves the right to accept any Proposal or reject any or all Proposals if it is deemed to be in the public interest to do so.

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No Proposal will be considered unless it is accompanied by a bid security in the form of a bid bond or certified check in the amount of five percent (5%) of the total bid price, made out in favor of the City of Lewiston. All bid securities will be released upon deliverance of a signed Contract or, if no Contract award is made, within forty-five (45) days after the opening of the Proposals, unless forfeited as herein stipulated.

The Contract must be signed within ten (10) days, Saturdays, Sundays, and holidays excluded, after the date of notification to the bidder by the Purchasing Agent of the acceptance of his/her Proposal and readiness of the Contract to be signed. If the bidder fails or neglects, after such notification, to execute the Contract, the Finance Committee may determine that the Proposal has been abandoned; and, in such case, the bid security accompanying the Proposal shall be forfeited to the City of Lewiston.

A Performance Bond and a Labor and Material Payment Bond, preferably executed on AIA Bond Form Number A311, in an amount equal to the total Contract price, of a surety company satisfactory to the Purchasing Agent, will be required of the successful bidder to ensure completion of the work and the proper fulfillment of the conditions of the Contract. The total Contract price shall mean the total bid price as stated in the Proposal based on the estimated quantities of the various items of work.

The work must be commenced within ten (10) days after the date of the Contract signing unless otherwise specified in the Specifications or directed by the Purchasing Agent, in writing, and is to be continued with diligent regularity until its completion within the time limit specified.

All Proposals must be made on the blank Proposal Form bound in the Contract Documents, or as otherwise provided for in the Specifications. Bidders shall state prices for each separate item of work as called for in the Proposal Form. These prices are to cover all expenses incidental to the completion of the work in full conformity with the Contract Documents.

The prices must be stated both in words and figures. Should a discrepancy be found between the prices written in words and the prices written in figures, the prices written in words shall govern. Proposals which do not contain prices for all items which are called for or which otherwise are not in conformity with this Notice may be rejected.

Each bidder shall make his/her Proposal from his/her own examinations and estimates, and shall not hold the City, its agents or employees, responsible for, or bound by, any schedule, estimate, sounding, boring, or any plan thereof; and shall, if any error in any plan, drawing, specification or direction relating to anything to be done under this Contract comes to his/her knowledge, report it at once, in writing, to the Engineer.

All materials and labor required to complete the work shall be supplied by the Contractor unless otherwise provided for in the Special Provisions, Plans or the Standard and Technical Specifications. The cost and expense of all the necessary labor, tools and equipment required to complete the work shall be included in the prices stated in the Proposal.

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The City may set off any unpaid taxes, fees or other charges or other amounts owed by the contractor against the contract price, in full or partial satisfaction.

Contractor and any Subcontractors shall be required to submit weekly certified payrolls to the City of Lewiston.

Plans and Specifications can be obtained free of charge on the City of Lewiston web site under Finance Dept/Bids and Awards (www.lewistonmaine.gov).

All questions by prospective bidders pertaining to the Contract Documents, Plans and Specifications must be received, in writing, by the Engineer, at least five (5) days before the date set for the opening of the Proposals. Any questions which, in the opinion of the Purchasing Agent, require interpretation, will be posted to the City of Lewiston web site and will be e-mailed to the plan holders, with the interpretation, in the form of a numbered Addendum, to each person or firm who has taken out a set of Contract Documents, not later than three (3) days prior to the scheduled opening of the Proposals. Addenda issued later than three (3) days prior to the scheduled opening of the Proposals may be by e-mail, telephone, or fax machine. Bidders shall acknowledge receipt of all Addenda in the space provided therefore in the Proposal Form, whether the Addenda are in response to questions or otherwise issued by the City and whether the Addenda are received by e-mail, telephone or fax.

The Special Provisions, Plans, and the Standard and Technical Specifications delineate the particular project to which the Contract Documents pertain. Should any discrepancy be found to exist between the Technical Specifications and the Standard Specifications and/or the Contract Plans, the Technical Specifications and/or Contract Plans shall govern.

If the Bid Price of any or several bid items submitted with this Proposal appear to be extremely low or high, compared to the actual cost of performing the work, the Bidder may be asked to explain, in writing, how the work in question is to be performed at the price or prices bid before a decision is made by the City to award a Contract or reject the Bid.

Proposals will be considered irregular and will be rejected for the following reasons:

- A.** If the Proposal is on a form other than that furnished by the City or if the form is altered in any way.
- B.** If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may make the Proposal incomplete, indefinite, or ambiguous as to its meaning.
- C.** If the Bidder adds any provisions reserving the right to accept or reject an award or to enter into a Contract pursuant to an award.

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- D.** If the Proposal does not contain a unit price for each pay item listed unless otherwise specified.
- E.** If any of the bid prices are unbalanced, or do not reflect the actual cost required to perform the work, as outlined in the Plans and Specifications.

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CITY OF LEWISTON

PROPOSAL FOR

CONTRACT NO.1

LEWISTON REDUNDANT WATERLINE PROJECT

BID 2023-041

To: Purchasing Agent
City Hall, Lewiston, Maine

Dear Sir/Madam:

The undersigned hereby declares that he/she has carefully examined the location of the proposed work, the proposed Contract Form and the Contract Documents therein referred to and that he/she proposes and agrees, if this Proposal is accepted, that he/she will contract with the City of Lewiston, by its City Administrator, to provide all machinery, tools, labor, equipment and other means of construction and to do all the work and to furnish all the materials, except those specified in the Specifications to be furnished by the City, necessary to complete the work in the manner and time therein prescribed, in accordance with the conditions and requirements set forth in the Contract Documents and the requirements of the Engineer and/or Director of Public Works as provided for therein; and that he/she will accept in full payment therefore the following sums to wit:

CONTRACT NO.1

LEWISTON REDUNDANT WATERLINE PROJECT

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Item Number	Item Name and Unit Bid Prices Written in Words and Figures	Estimated Quantity	Total Amount of Item (in figures)
1	Mobilization and Demobilization, per lump sum, the price of: _____ (\$ _____) *Not to exceed 5 percent of the total Bid price	Lump Sum* =	\$ _____
2	Traffic Control, per lump sum, the price of: _____ (\$ _____)	Lump Sum =	\$ _____
3	Uniformed Traffic Police, per hour, the price of: _____ (\$ _____)	X 700 Hours =	\$ _____
4	Flaggers, per hour, the price of: _____ (\$ _____)	X 2000 Hours =	\$ _____
5	Test Pits, per cubic yard, the price of: _____ (\$ _____)	x 160 c.y. =	\$ _____
6	Select Backfill, per cubic yard, the price of: _____ (\$ _____)	x 100 c.y. =	\$ _____
7	Rock Excavation, per cubic yard, the price of: <u>One Hundred Dollars and Zero Cents</u> (\$100.00 _____)	x 420 c.y. =	<u>\$42,000.00</u> _____
8	Additional Payment for Rock and Boulder Excavation, per cubic yard, the price of: \$ _____ (\$ _____)	x 420 c.y. =	\$ _____

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|----|---|----------------|----------|
| 9 | Excavation, Handling, Loading, Transportation, and Disposal of Surplus Contaminated Soil, per ton, the price of:

_____ | x 850 ton = | \$ _____ |
| | (\$ _____) | | |
| 10 | Erosion Control Barriers, per linear foot, the price of:

_____ | x 100 l.f. = | \$ _____ |
| | (\$ _____) | | |
| 11 | Catch Basin Sedimentation Control, each, the price of:

_____ | x 41 each = | \$ _____ |
| | (\$ _____) | | |
| 12 | Concrete Encasement, per linear foot, the price of:

_____ | x 120 l.f. = | \$ _____ |
| | (\$ _____) | | |
| 13 | STA. 10+87 – 8" Blow-Off Assembly, per lump sum, the price of:

_____ | lump sum = | \$ _____ |
| | (\$ _____) | | |
| 14 | 16-inch Ductile Iron Pipe & Fittings Installation (pipe furnished by Owner), per linear foot, the price of:

_____ | x 200 l.f. = | \$ _____ |
| | (\$ _____) | | |
| 15 | 24-inch Ductile Iron Pipe & Fittings Installation (pipe furnished by Owner), per linear foot, the price of:

_____ | x 4,100 l.f. = | \$ _____ |
| | (\$ _____) | | |

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- 16 Pre-Insulated Pipe (pipe furnished by Owner) and Fiber Optic Conduit on Longley Bridge, per lump sum, the price of:
_____ x lump sum = \$ _____
(\$ _____)
- 17 16-inch Butterfly Valves with Boxes Installation (valves and boxes furnished by Owner), each, the price of:
_____ x 4 each = \$ _____
(\$ _____)
- 18 24-inch Butterfly Valves with Boxes Installation (valves and boxes furnished by Owner), each, the price of:
_____ x 6 each = \$ _____
(\$ _____)
- 19 Main Street Connection, per lump sum, the price of:
_____ lump sum = \$ _____
(\$ _____)
- 20 Flow Meter, per lump sum, the price of:
_____ lump sum = \$ _____
(\$ _____)
- 21 STA. 43+71 – Center Street Transmission Main Interconnection, per lump sum, the price of:
_____ lump sum = \$ _____
(\$ _____)
- 22 Fiber Optic Conduit and Fittings, per linear foot, the price of:
_____ x 10,100 l.f. = \$ _____
(\$ _____)

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- 23 Fiber Optic Handhole, each, the price of:

(\$ _____) x 10 each = \$ _____
- 24 STA. 34+40 – 4” Combination Air Valve and Vent
Pipe, per lump sum, the price of:

(\$ _____) lump sum = \$ _____
- 25 Crushed Stone Borrow, per cubic yard, the price
of:
\$ _____ x 50 c.y. = \$ _____
(\$ _____)
- 26 Aggregate Base, per cubic yard, the price of:
\$ _____ x 300 c.y. = \$ _____
(\$ _____)
- 27 Aggregate Subbase, per cubic yard, the price of:
\$ _____ 2,000 c.y. = \$ _____
(\$ _____)
- 28 Temporary Bituminous Concrete Pavement
Repair, per square yard, the price of:
_____ x 4,000 SY. = \$ _____
(\$ _____)
- 29 Permanent Bituminous Concrete Pavement
Repair – 12.5 mm Top Course, per ton, the price
of:
_____ x 520 ton. = \$ _____
(\$ _____)
- 30 Permanent Bituminous Concrete Pavement
Repair – 19 mm Binder Course, per ton, the price
of:
_____ x 1,050 ton. = \$ _____
(\$ _____)

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- 31 Bituminous Concrete Pavement Overlay, per ton,
the price of:
_____ x 1,700 ton. = \$ _____
(\$ _____)
- 32 Bituminous Concrete Milling (Cold Planing), per
square yard, the price of:
_____ x 15,500 s.y. = \$ _____
(\$ _____)
- 33 Bituminous Concrete Sidewalk and Driveway
Repair, per square yard, the price of:
_____ x 115 s.y. = \$ _____
(\$ _____)
- 34 Portland Cement Concrete Sidewalk and
Driveway Repair, per square yard, the price of:
_____ x 70 s.y. = \$ _____
(\$ _____)
- 35 Bituminous Concrete Berm, per linear foot, the
price of:
_____ x 100 l.f. = \$ _____
(\$ _____)
- 36 Granite Curb, per linear foot, the price of:
_____ x 100 l.f. = \$ _____
(\$ _____)
- 37 Curb Removal and Resetting, per linear foot, the
price of:
_____ x 50 l.f. = \$ _____
(\$ _____)
- 38 Loam and Seed, per square yard, the price of:
_____ x 120 s.y. = \$ _____
(\$ _____)

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- 39 Hot Mix Asphalt Escalation:
One Thousand dollars and zero cents
(\$ 1,000.00) x ALLOW = \$ 1,000.00
- 40 Bituminous Tack Coat - Applied, per gallon, the price of:
_____ x 1,000 gal. = \$ _____
(\$ _____)

TOTAL AMOUNT OF BID – Items 1 through 40

_____ dollars
(words)
(\$ _____)
(figures)

The undersigned acknowledges the receipt of Addenda numbered _____

The undersigned further agrees that, after notification by the Purchasing Agent of the acceptance of his/her Proposal and the readiness of the Contract for signature, he/she will execute the Contract and furnish the required Bonds within ten (10) days, Saturdays, Sundays and Holidays, excluded, and that he/she will commence the work within ten (10) days after the execution of the Contract and deliverance of the Bonds, unless otherwise specified in the Specifications or directed by the Director of Public Works or City Engineer in writing; and that he/she will prosecute the work to its completion within the time limit specified in the Notice to Contractors. The undersigned further agrees that there shall be deducted from monies due the Contractor, not as a penalty, but as inspection costs, the sum of five hundred (\$500.00) dollars for each working day beyond the time limit specified in the Notice to Contractors which is required by the Contractor to complete the whole work to the satisfaction of the Engineer and the Director of Public Works.

The undersigned further agrees that in the employment of labor, preference will be given, all other things being equal, to the citizens of Lewiston and of the State of Maine, in that order. The undersigned hereby further declares that the only persons or parties interested in this Proposal, as principals, are named below; that the Proposal is made without any connection with any other person or party making any Proposal for the same work; and that no person acting for or employed by the City of Lewiston is directly or indirectly interested in this Proposal or in any contract which may be made under it or in profits expected to arise there from, except as provided by the City Charter. The full names and addresses of all persons and parties interested in this Proposal, as principals, are as follows: (Give first and last names in full; and in the case of a Corporation, give

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names and addresses of President, Treasurer and Manager; and in case of a Partnership, give names and addresses of members):

If you are proposing to use any subcontractors, please list them here along with references for them. They will need written permission from the Purchasing Agent as well as the required insurance coverage and certificate of insurance submitted to the Purchasing Agent.

Accompanying this Proposal is a bid security deposit in the amount of \$(_____), which is to become the property of the City of Lewiston, by forfeiture, if the undersigned fails, after notification by the Purchasing Agent of the acceptance of his/her Proposal, to execute a Contract with the City and furnish the required Bonds within the time agreed to herein; or, in case the undersigned withdraws his/her Proposal within thirty (30) days after the opening of the Proposals. Otherwise, the deposit will be returned to the undersigned in accordance with the provisions in the Notice to Contractors.

Signature	
Title	
Printed Name	
Physical Address	
Mailing Address	
Firm's IRS ID # / Unique Identity #	
Date	
Phone #	
Fax #	
E-Mail Address	

Public Works

Mandatory Pre-Bid Meeting
Lewiston Redundant Waterline Project
Bid No. 2023-041
Time & Location: Virtual via Zoom, 10:00 AM
Date: June 6, 2023

Present:

Name	Title	Company	Tel.	E-Mail
John Skelley	Assistant City Engineer	City of Lewiston	513-3003	jskelley@lewistonmaine.gov
Kevin Gagne	Deputy Director, LPW	City of Lewiston	513-3003	jbisson@lewistonmaine.gov
Mary Ann Brenchick	Director, LPW	City of Lewiston	513-3003	mbrenchick@lewistonmaine.gov
Allen Ward	Purchasing Agent	City of Lewiston	513-3127	award@lewistonmaine.gov
Amanda Keyes	Consultant	Tighe and Bond	703-9374	apkeyes@tighebond.com
Dan Bisson	Consultant	Tighe and Bond	613-3531	dbisson@tighebond.com
Craig Babbidge	Contractor	Cross Excavation	381-7567	craig@crossexcavation.com
Taylor Py	Contractor	Gendron and Gendron	782-7372	taylor@gendroncorp.com
Matt Callahan	Contractor	Glidden Excavating	856-9990	matt@gliddenpaving.com
Matt Thibault	Contractor	Sargent	827-4435	mthibault@sargent.us
Corey LaRue	Contractor	St. Laurent and Son	784-7944	corey@stlaurentandson.com
Kristy	Contractor	LP Poirier and Son	782-3617	info@lppoirier.com

1. Administrative Summary:

- Bids Due: **June 21, 2023, at 2:00 PM (Updated via this addendum)**
- All Questions Due: **Thursday, June 15, 2023 at 12:00 PM**
 - i. Submit Questions to John Skelley at jskelley@lewistonmaine.gov
- Need to submit bid bond or certified check for 5% of bid price
- The successful bidder will need to submit a Performance Bond and Material Payment Bond equal to the total contract price
- Anticipated to go before Finance Committee on June 26, 2023
- Completion Date:
 - i. **Final completion: July 31, 2024**

Public Works

2. Project Summary

- **Water Mains**

- ~4,100 LF of 24" DI Water Main in Main Street (Lewiston) and Court Street, Turner Street, and North River Road (Auburn)
- ~10,100 LF of 4" Fiber Optic Conduit
- (2) 16" Pre-Insulated water main across Longley Bridge
- (2) 4" Galv. Steel Conduits across Longley Bridge
- 10 Fiber Optic Handholes
- Flow meter in existing vault
- Interconnections with existing transmission main
- Paving restoration – mill and overlay of all disturbed lanes

3. Power Point Slides presented at the meeting are attached to the meeting summary

Questions Received Prior to Pre-Bid Meeting

1. Question: Do you anticipate any ledge in this project?

a. Answer:

The contract includes an estimated 420-cubic yards of rock excavation which is based on subsurface investigations. There are additional areas of the project with test pits called out to verify the presence of ledge in the field.

2. Question: How is bituminous tack being paid for?

a. Answer:

Bituminous tack will be paid for in a separate line item on a per gallon basis. Refer to updated Contract & Proposal for bituminous tack item.

3. Question: Please supply more information for Item 39- Monthly Price Adjustment for HMA. How is this going to work?

a. Answer:

The HMA price adjustment will be done as is typically done per City contracts. Refer to the Measurement & Payment Section 01270 for a description of how the HMA price adjustment will be done. The value provided in the Bid Form is an allowance for budgeting purposes only. The value is neither a limit nor a guarantee of payment.

4. Question: Check out your paving items in the schedule of values – some of them call out per SY but the quantity is in Tons.

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a. **Answer:**

Permanent pavement items will be paid per ton (Items 29 through 31). Refer to updated Contract & Proposal for updated bid form with these changes.

Questions at Pre-Bid Meeting

1. *Question: Provide clarification on temporary paving on Fridays since the work is at night.*

a. **Answer: Paving should be completed on the last work day of the week, so during the Thursday into Friday morning shift prior to the roadway opening at 6AM.**

2. *Question: Davis-Bacon wage rates? Are these in the contract?*

a. **Answer:**

Davis-Bacon wage rates are not applicable to the project. The Contractor must submit Certified Payrolls for the work but there are not specific wage rates applicable to the work.

3. *Question: What is the City's budget for this project?*

a. **Answer:**

The City's budget for this project is \$3.5 million.



LEWISTON REDUNDANT WATERLINE PROJECT

PRE-BID MEETING- JUNE 6, 2023

PROVISIONS

- **Project is funded through ARPA funds**
- **Certified Payrolls are required to be submitted, but Davis-Bacon does not apply.**
- **Buy America, Build America (BABA) does not apply**
- **SAM.gov/UEI registration is required**

SCOPE OF WORK

- **Approx. 4100 LF of 24” Water Main**
- **(2) 16” Preinsulated Water Main under Longley Bridge**
- **(2) 4” Fiber Optic Conduits and associated handholes entire length of project**
 - PVC off the bridge
 - Galvanized Steel on bridge
- **New flow meter in existing vault**
- **Proper handling of contaminated soils and dewatering**
- **Restoration**

MATERIALS

- The City has purchased the water main materials (pipe, fittings, valves)
- Contractor shall provide materials for fiber optic line(conduit, handholes). Contractor is not responsible for installing fiber optic cable.
- List of supplied materials is in the specifications (Attachment to Section 01640)

CONSTRAINTS/REQUIREMENTS

- **All work which will result in lane closure in Main, Court, Turner, or Center Street will require Night Work (7:00 PM to 6:00 AM)**
- **Work within Main, Court, Turner, and Center Street will require police details**
- **Work within the CSX ROW requires additional insurance (see attachment to General Provisions) and will require CSX oversight. Contractor shall coordinate with CSX for inspections, but the City will pay CSX for inspection directly.**

CONSTRAINTS/REQUIREMENTS

- **Message Boards (2) shall be provided to update residents on status of work areas**
- **Trench Maintenance – At contractors choice, trenches can be maintained with gravel during the week but must be temporary paved by the end of every week (Friday mornings).**
- **Plating of trenches will be allowed upon approval by respective City.**

SHUTDOWNS

- **Shutdowns to existing waterline shall be minimized and in no case can the existing waterline be shutdown for more than a 24 hours period.**
- **Work shall be scheduled with adequate notice close coordination with City**
- **Work requiring shutdown of existing waterline**
 - Tie-in before Main Street Pump Station
 - Flow meter vault modifications
 - Interconnection at STA 43+70

SCHEDULE

- **The City has water main materials so work can commence upon award of Contract**
- **All work shall be completed by July 31,2024**